I st And Final Bill

Work code - 006.18.000024

Est cost Rs. 75.00 Lacs

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426701

Serial No. .....

Name of Work Improvements to Sanitary Works At Manjunatha Lay out Nagawara Nagawara colony in From To Ward No. 06 Manjandra.

Name of Contractor of nature of Agency ..... Executive Engineer. KRIDL.

Date of commencement of work .... 280.59 m cross Road 17th c Main Road 3rd y Block Rajasinagara Bangalore-560010

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8
	Work order No. - BBMP/EE/BTP/WO/68/2017-18. Date - 07-02-2018.						
(1)	Earthwork Excavation by manual means in ordinary Soil Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.50 m of excavated surface. Levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods compacted as per specification and direction of Engineer incharge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As Per Pre. measurement recorded vide Page No.. 426758 to 426760 in this MB.					1879.88 m^3	
	Rate · 86·92						163399:17
(2)	Supply & [illegible] & SRCC Spun/Vibrated cast Pipes (Reinforced) & NP-3 Class Conforming to IS 458:1988 with Latest amendments using ordinary Portland Cement and conveying to works. Placing and lowering into Trench laying true to line and level, including loading and unloading at both destination and jointing materials & Rubber Seals Conforming to IS 5382 for Sand SRCC Pipes with all Lead						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	and Lift as directed ISS and passing a & the works esc...
	As per Pre Page No.. 4
	Rate · 2069:12
(3)	Providing and La 300mm internal

th	Contents 7	Reference to last Measurement 8
	ded vide	
	in this MB.	
	1879.88 M³	163399:17
	em/Vibrated cast	
	rming to IS 458:1988	
	ang Port land Cement	
	Lowering in to trenches	
	Pump loading and unloadi	
	erials & Rubber rings	
	e Pipes WM allowed	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426702

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	and like as directed and giving necessary hydraulic test as per IS and passing and procuring for passing) Before execution & the works esc.- Compete as per Specification.						
	As per Pre-Measurement recorded vide Page no.. 426760 to 426762 in this MB.						
	Rate · 2069 : 12						
(3)	Providing and laying up to position to required level or slope 300mm internal diameter Socket spigot Stoneware Pipes					585.00 M	1210435 : 20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Grade A and jointing with SRS mixers & cement mortar in Proportion 81:1 Pleating & Pipes and joints including Cost & materials labour charges complete as per specification.						
	As per Pre. measurement recorded vide Page No.. 42676 2 to 42676 3 in this M.B.					240.00 MT	IS 15874 5:60
	Rate. 661:44						
(11)	Providing and laying in position Plain cement concrete & Mix M 7.5 using 40 mm and down size graded granite						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
	Iron metal for ho... Wave Pipes Concrete ... exceeding 15 cms thi... materials labour ... per specification.	
	As per Pre. mea... Page No. 42676	
	Rate. 926:44	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
Bhs mixture & cement mortar Pipes and joints including ses complete as per ent recorded vide 26763 in this MB. 240.00 MW 158745:60			
from Plain cement concrete decomposed graded granite			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426703

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Rap metal for hacheuring of 300mm under diameter stone Wave Pipes Concrete encasement laid in layers not exceeding 15 cms thick well compacted including cost of materials labour curing form work curing complete as per specification. As per Pre-measurement recorded vide page No. 426764 to 426764 in this MB. Rate - 926:44					240.00 MW 222345:60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing and laying in position Plain Cement Concrete M 7.5 using 40mm and down size graded granite stone metal for haunches 8 40mm external diameter Stoneware pipe Conforming to IS:651 including cost of materials, labour charges etc complete. As per Pre-Measurement Record vide Page No. 426765 to 426766 in this MB Rate - 1322:88					585.00 Mtr 773884:80	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(6)	Constructing Br 1.22 mtr interna 0.56 mtr dia as & 50 class designe Cement Plastered neat coating & re using 40 mm and Reading Coat & re and downsize gra

BOOK

...dth	Depth 6	Contents 7	Reference to last Measurement 8
...on plain cement concrete			
...m size graded granite			
...400 mm internal diameter			
...e mixed laid in layers			
...e compacted including			
...ost etc complete.			
... recorded vide			
...26766 in this MB			
	585.00 mtr		
			77388.80

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426704

Serial No. ....

Name of Work .... From................................. To....................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(6)	Constructing Brick masonry circular type manhole 1.22 mtr internal dia at bottom 1.68 mtr deep and 0.56 mtr dia at top with taper mould non modular bricks & 50 class designation 50 in cement mortar 1:4 inside cement plastered 12 mm thick with CM floating coat & neat coating & neat cement foundation concrete M10 using 40 mm and down size granite metal finish with a floating coat & neat cement in cement concrete M15 with 20 mm and down size granite metal finishing with floating coat (heavy						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	dubg HD. 20 grade designation) 560mm diameter conforming IS 12592 total weight cover and frame to be not less than 182 kg fixed in cement Concrete 1:2:4 20mm and downsize broken granite metal Providing and removing centering						
	(1) Nagawara Channeya layout Main Road.	11	-	-	-	11 Nos	
	(2) Hegadenagara Main Road	5	-	-	-	5 Nos	
	(3) Hegadenagara 4th cross	8	-	-	-	8 Nos	
		4	-	-	-	4 Nos	
	Rate - 33324:28					28 Nos	933079:84

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
(7)	Resieving an not exceedi layers by ma cts upto 1.50 m Specification.
	Rate - 59:36

OK

Depth 6	Contents 7	Reference to last Measurement 8
1) 560mm Internal total weight [illegible] kg fixed in cement ... size from guard centering		
	11 Nos	
	5 Nos	
	8 Nos	
	4 Nos	
	28 Nos	933079:84

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426705

Serial No. ....

Name of Work .... From................................. To...

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(7)	Refilling available earth around pipe lines cables in layers not exceeding 20 cms in depth compacting each deposited layers by ramming after watering with lead upto 50 m and lift upto 1.50 m including cost of all labour complete as per specification.						
	Quantity vide Item no. (1)					$1879.88\ m^3$	
	Page - 59:36						111589:67

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	Earth Work Excavation by manual means in ordinary Soil Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.30 mtr excavated Surface loosened and sides neatly dressed the dispersed Earth to be loosened measured stacking & clods complete as per Specification complete as per Specification. As per Pre-measurement recorded vide Page No. 42766 to 42768 in this MB. Rate - 86.92					439.53 m^3	38203.94

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(9)	Providing and la... Mix M 1:4:8 wi... size graded grav... fine aggregate as... cavity not exceed... and finish includ... curing complete ... As per Pre.M... 42... Rate - 5159.02

OOK

Depth 6	Contents 7	Reference to last Measurement 8
nual means in ordinary horizontal throughout P to 0-90 mtr excavated g dressed the disposed breaking & clods compl as per Specification. recorded vide 6768 in this MB. 439.53 m³		38203:94

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426706

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(9)	Providing and laying in Position Plain cement Concrete of Mix M 1:4:8 with OPC cement as per IS 456 with hammer and down size graded granite metal coarse aggregate 0.89 cum and fine aggregate as 0.57 cum machine mixed concrete laid in layers not exceeding 15 cms which well compacted in foundation and plinth including cost of all necessary labour curing complete as per Specification. As per the measurement recorded vide Page No. 42 6768 to 426769 in this MB Page. 5159:02					61.94 M³	319549:69

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Providing and constructing Granite/trap/ basalt size Stone Masonry in foundation with cement Mortar 1:6 Stone hammered dressed in courses not less than 30cms high bond stones at 2.0 Mtr apart in each course including cost & materials labour curing complete as per specification						
	As per the measurments recorded vide Page No. 42769 to 42771 in this MB.						
	Rate. 4438:22					129.53 M3	574882:63
(11)	Providing and constructing Granite/trap/ basalt size Stone Masonry in basement with cement Mortar 1:6 edges & stones carefully dressed in courses not less than						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	15cms high bond including cost & m Specification. Hegadenagara: I st main I st cross (1) 2nd main 2nd cross (2) I st main 4 th cross (3) I st main 5 th cross (4) 2nd main 9 th cross (5)

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
amise / trap / basalt size			
in cement mortar 1:6			
not less than 20cms			
in each course including			
complete as per specification			
recorded vide			
71		in this MB.	
			3
		129.53	M
			574882:63
amise / trap / basalt size			
in cement mortar 1:6			
in courses not less than			

M. A. R. 57 (Rule 116) **No. B** 426707
Measurement Book

Serial No. .... From................................ To.....................................
Name of Work ....
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	15cms high sand stones at 2.0 Mtr apart in each course including cost of masonries labour curing complete as per specification.						
	Hegadenagara: Culverts						
	Ist main Ist cross (1)	2	7.90	0.50	0.45	3.65	
	2nd main 2nd cross (2)	2	7.50	0.50	0.45	3.37	
	Ist main 4th cross (3)	2	7.45	0.50	0.45	3.35	
	Ist main 5th cross (4)	2	6.75	0.50	0.45	3.03	
	2nd main 9th cross (5)	2	7.50	0.50	0.45	3.37	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Chainlink Fencing Govt School Compound	1	9.60	0.45	0.40	1.72	
		1	25.50	0.45	0.40	4.59	
		1	4.30	0.45	0.40	0.77	
		1	30.00	0.45	0.40	5.40	
		1	3.90	0.45	0.40	0.70	
		1	11.50	0.45	0.40	2.07	
		1	17.50	0.45	0.40	3.15	
		1	30.00	0.45	0.40	5.40	
		1	30.00	0.45	0.40	5.40	

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Sd/-
25/08

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Serial No. ....
Name of Work .... F
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Num 3
	SSM Drain	
	Rate : 5305.30	
	(12) Providing and re... propping etc... and ... soffits & beams ...	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.45	0.40	1.72	
0.45	0.40	4.59	
0.45	0.40	0.77	
0.45	0.40	5.40	
0.45	0.40	0.70	
0.45	0.40	2.07	
0.45	0.40	3.15	
0.45	0.40	5.40	
0.45	0.40	5.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426708

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	SSM Drain	2x2	30.00	0.45	0.45	12.40	24.30
		2x2	30.00	0.45	0.45	12.40	24.30.
		2x2	8.20	0.45	0.45	3.32	6.64.
						Limit 98.82 98.82 M^3	524262:74
	Rate 5305:30					101.21.	
(12)	Providing and removing centering shuttering strong propping etc. and removal & form work for girders and soffits & beams	beam haunching construction girders beam					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	haunching construction girders measurements as below not exceeding 1.0 mtr in depth including cost of all materials labour compose as per specification.						
	As per Pre-measurement recorded vide Page No. 426771 to 426772 in this MB.					43.99 M^3	
	Page: 271:36						11937:12
(13)	Providing and laying in position Plain Cement Concrete 1 Mix 1:3:6 with OPC cement @ 220 kg/cum with 20mm and downgrade graded granite metal coarse aggregate 0.64 cum and fine aggregate as 0.56 cum machine mixed						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Concrete laid in compacted in 80 cm materials labour as specification.
	As per Pre. Page No.. 42
	Page: 5598:92
(14)	Providing Flush with cement mortar

K

epth 6	Contents 7	Reference to last Measurement 8
		measurements as given including Cost & all ver Specification. recorded vide in this MB. 43.99 M^3 1937:12 Plain Cement Concrete 1:2:4 using 20 mm nal Coarse aggregate Cum machine mixed

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426709

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost & all materials labour T&M & machinery using Concrete as per Specification. As per Pre. Measurement recorded vide Page No.. 426772 to 426774 in this MB. Rate. 5598-92					33.10 M^3	185324:25
(14)	Providing Flush Pointing to Coursed Stone Masonry with cement mortar 1:3 20 mm deep as per drawing joints						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for depth & 20mm nicely curing including cost & mat wages labour curing complete as per specification.						
	(1)	2	7.90	-	0.60	9.48	
	(2)	2	7.50	-	0.60	9.00	
	(3)	2	7.45	-	0.60	8.94	
	(4)	2	6.75	-	0.60	8.10	
	(5)	2	7.50	-	0.60	9.00	
		2	30.00	-	0.60	36.00	
		2	30.00	-	0.60	36.00	
	Rate . 102.82	2	8.20	-	0.60	10.32	
						118.80	M² 12215.01

Serial No. ....
Name of Work ....
Name of Contractor of nature of Agency
Date of commencement of work ....

Date	Full description, etc, of work
1	2
(15)	providing and ... & mix M20 com... size graded gran... and fine aggreg... conforming to IS... (IS...) thick w... ground floor lev... walls any ... adjustments piece...

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...ing including cost & mat... as per specification.		
0.60	9.48	
0.60	9.00	
0.60	8.94	
0.60	8.10	
0.60	9.00	
0.60	36.00	
0.60	36.00	
0.60	10.32	
	118.80	M² 12 215:01

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426710

Serial No. ....

Name of Work .... From.................................. To..................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(15)	Providing and laying in position plain cement concrete of mix M20 with OPC cement at 320 kg with 20mm and down size graded granite metal coarse aggregates at 0.878 cum and fine aggregate at 0.459 cum with super plasticizers at 3 lts conforming to IS 9103-1999 Reformed machine mixed excluding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slab staircase lintels retaining walls any thickness including attached plasters columns piers abutments pillars posts struts buttresses string or lacing courses						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Parapet coping sill flooring under floors plain window cills sills etc including cost of all materials labour necessary during complete as per specification.						
	①	1	7.90	1.50	0.23	2.72	
	②	1	7.50	1.50	0.23	2.58	
	③	1	7.45	1.50	0.23	2.07	
	④	1	6.75	1.50	0.23	2.32	
	⑤	1	7.50	1.50	0.23	2.58	
	Missing slabs	13	1.50	0.60	0.23	2.78	
	Rate. 6371:66					15.40 m³	98123:56

Serial No. ....
Name of Work ....
Name of Contractor of nature of Agency ...
Date of commencement of work ....

Date 1	Full description, etc, of work 2
(16)	Providing TMT ... including ... in position ... com ... wherever necess... ... complete. As p... No...
	Rate. 64243.42

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...anew floors plain ... Cost of all materials as per specification.		
0.23	2.72	
0.23	2.58	
0.23	2.07	
0.23	2.32	
0.23	2.58	
0.23	2.78	
	15.40 m	98123.56

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426711

Serial No. ....
Name of Work .... From.............................. To..............................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(16)	Providing TMT Steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps hooks and wastage shall not be measured and paid) Cost of materials complete. As per the measurement recorded vide page No. 426774 to 426776 in this MB. Rate. 64243.42					1.42 TON	91225.65

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(17)	Supplying and fixing MS Rectangular Poles made out of 2 equal angles of 65 x 65 x 6 mm welded together and fixed in CC 1:2:4 with 2 nos 16 mm dia MS hold fast rods each of length 25 cms including cost of all materials cutting bending & welding wherever necessary making & finishing the welded joints with all lead and lift and as per direction of Engineer including providing 2 coats of approved quality paint over one coat of shop paint etc., complete. Hegadenagara School Compound.	96	-	-	2.65	254.40	

Rate. 868:14

(18) Providing and F
guage & 14 incl
and fixing Pipe
poles) and spot

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2

T BOOK

...nsions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Rectangular poles made ... 6x6 mm welded together ... 16 mm dia MS hold fast including cost of all materials wherever necessary ... on all lead and lift and clearance of the work and approved quality paint over complete.			
-	2.65	254.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426712

Serial No. ....

Name of Work .... From.................................. To...................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		39	–	–	2.65	103.35	
	Rate. 868.14	C.F.F. 25/08				357.75 MW	310577.08
	(18) Providing and fixing MS Black pipe of 38 mm dia 8 heavy guage & to include removing the bends cutting the pipe and fixing pipe in between the two vertical poles (MS rectangular poles) and spot welding the chain link with MS Black pipe						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including cost & all necessary wastage in cutting and scaffolding whenever necessary with all lead and lift as directed by the Engineer in charge of the work else.. complete including two coats of approved quality Paint over one coat of shop paint etc complete as per specification and direction of Engineer in charge of the work else.. complete.						
	Chain link Fencing						
	Govt School Compound	3	9.60	-	-	28.80	
		3	25.50	-	-	76.80	
		3	4.30	-	-	12.90	
		3	30.00	-	-	90.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Rate: 343/44	
19	providing Chain li	
	Structured between	

Depth 6	Contents 7	Reference to last Measurement 8
	...passage in cutting ...y all lead and ...in charge of the work ...of approved quality ...sand, comprise as per ...Engineer in charge of the...	
-	28.80	
-	76.80	
-	12.90	
-	90.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426713

Serial No. ....
Name of Work .... From.................................. To.......................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		3	3.90	-	-	11.70	
		3	11.50	-	-	34.50	
		3	17.50	-	-	52.50	
		3	30.00	-	-	90.00	
		3	30.00	-	-	90.00	
						486.00 Mtr	
	Rate : 343.44			limited to		450.00 Mtr	154548.00
(19)	Providing chain link fencing 50mm size 8 Gauge Properly stretched between rectangular poles and fixed with a						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
	Suitable bolts and nuts the free ends shall be welded to the pole and stay pipe at top and bottom as required including cost of all materials labour lead and lifts and as per direction of the Engineer in charge of the work etc.. complete.						
	Chain link fencing						
	Govt School Compound	1	9.60	-	1.50	14.40	
		1	25.50	-	1.50	38.25	
		1	4.30	-	1.50	6.45	
		1	30.00	-	1.65	49.50	
		1	3.90	-	1.50	5.85	
		1	11.50	-	1.50	17.25	

CSFS 25/08

Serial No. ....
Name of Work ....
Name of Contractor of nature of Agency ...
Date of commencement of work ....

Date 1	Full description, etc, of work 2
	Rate · 698.54
	(20) Providing and a... (excluding prim... surface brushing...

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
		...free ends shall be fed ... pipe at top and bottom ... all materials labour lead ... the Engineer in charge
1.80	14.40	
1.80	38.25	
1.50	6.45	
1.65	49.50	
1.80	5.85	
1.50	17.25	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426714

Serial No. ....
Name of Work .... From.................................. To.......................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	17.50	-	1.50	26.25	
		1	30.00	-	1.50	45.00	
		1	30.00	-	1.50	45.00	
	Rate. 698:54					247.00 m²	172888:65
	(20) Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Grease dirt and other foreign matter including cost of materials etc. in complete. Chain link fencing front school Compound						
		1	9.60	-	1.00	14.40	
		1	25.00	-	1.00	38.25	
		1	4.30	-	1.00	6.45	
		1	30.00	-	1.65	49.00	
		1	3.90	-	1.00	5.85	
		1	11.00	-	1.00	17.25	
		1	17.00	-	1.00	26.25	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate · 88·56
(21)	Providing and Fi... Stones made out o... and 165mm dressed... CO7M CM 1:3 Plaster... curing including C...

IT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
neigh matter including				
compose as per Specification				
	-	1.00	14.40	
	-	1.00	38.25	
	-	1.00	6.45	
	-	1.65	49.00	
	-	1.00	5.85	
	-	1.00	17.25	
	-	1.00	26.25	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426715

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	-	1.50	45.00	
		1	30.00	-	1.50	45.00	
						247.00 m^2	
	Rate - 88:56						21918:60
(21)	Providing and fixing pre cast sold cement Concrete kerb Stones made out of CC1:2:4 with top and bottom width 114 and 165mm respectively 400 mm high and 450 mm in length finish with CM1:3 plastered and finishing curbing including 8mm nom curing including cost of all materials labour hire charges						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& machinery loading in loading lead and lift from- portion etc.- complete as per specification.						
		2	30.00	-	-	60.00	
		2	30.00	-	-	60.00	
		2	8.00	-	-	16.00	
						136.00 Mtr	
				136.00 / 0.45		302.22 Nos	
	Rate. 331:78						100270:55
(22)	Applying priming coat over new wood surface and or wood based surface preparing the surface after thoroughly						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	cleaning oil greas and knotting lead labour complete a
	Rate. 43:46

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		eadup lead and lift throughout per Specification.	
-	-	60.00	
-	-	60.00	
-	-	16.00	
		136.00 Mtr	
136.00		302.22 Nos	
0.45		100270 : 55	
		new Wood Surface and or	
		f the Surface after Thoroughly	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426716

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cleaning oil grease dirt and foreign matter Sand Papering and knotting ready mix Paint including cost & all materials Complete as per Specification.						
		2	30.00	-	0.30	18.00	
		2	30.00	-	0.30	18.00	
		2	8.00	-	0.30	4.80	
						40.80 M2	
	Rate. 43 : 46						1773 : 46

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(23)	Providing and applying painting two coats (excluding priming coat) on new wood surface and or wood based surface with enamel paint to given an even shade cleaning the surface removing dust and dirt smoothening by sand papering including cost & necessary labour complete as per specification.						
		2	30.00	-	0.30	18.00	
		2	30.00	-	0.30	18.00	
		2	8.00	-	0.30	4.80	
						40.80 m²	
	Rate. 89:04						3632:83

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(24)	Precast slab steel trestor machine mixe ductile wall con measurements cur
	Rate. 1856

...OOK

Depth 6	Contents 7	Reference to last Measurement 8
...eing P.V.C Coast (excavati...		
...face and or wood		
...ng to given on over		
...e dry dust and finish		
...f cost & materials labour		
0.30	18.00	
0.30	18.00	
0.30	4.80	
	40.80 M²	3632.83

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426717

Serial No. ....

Name of Work .... From.................................. To..

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(24)	Precast slab 20mm and down size for slab (including steel reinforcement) including centering and shuttering machine mixed concrete laid in casting not exceeding 1.5m thick well compacted cost of all materials labour HOM & machineries curing complete as per specification.						
		2	30.00	1.50	-	90.00	
		2	30.00	1.50	-	90.00	
		2	8.00	1.50	-	24.00	
	Rate. 1856.67					204.00 M²	378760.68

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(25)	Lead for Disposal & Debris shall be Payable as Carriage rates by mechanical means including loading and unloading from 0.00 to 2.00 KM. Quarry wise Gram no.. (1879.88 t			(1) and (8) 439.53)		2459.62 M^3 2319.41	169595 179847.41
	Rate. 73:12						
	C & FC						
	2022						
	10/8/2018 ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರವರ ಬಿಲ್ಲು ಪರಿಶೀಲನೆಯ ನಂತರ ಮಂಜೂರಾತಿಗಾಗಿ ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ ಬೆಂಗಳೂರು-24					Total Rs -	6755048 67434 64318
						Add 10% DR/DC Charges Rs -	67505 67432
						Add 1% Cess on Cess -	67550
						Total Rs -	7498103 7484930

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate.

ಸಹಾಯಕ ಅಭಿ
ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ. ಬ್ಯಾಟರಾಯ

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
Shall be Payable as.			
means including Loading			
-00 KM.			
and (8)			
39.53) :		2459.62	M³ 169595 —
		2319.41	179847.11
	Total Rs -		6755048 : 00
			6743480
			6743 18
10% PR&OC Charges	Rs -		67505 : 00
			67432 —
1% Labour Cess	-		67550 : 00
Total	Rs -		7498103 : 00
			7484,930 —

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426718

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

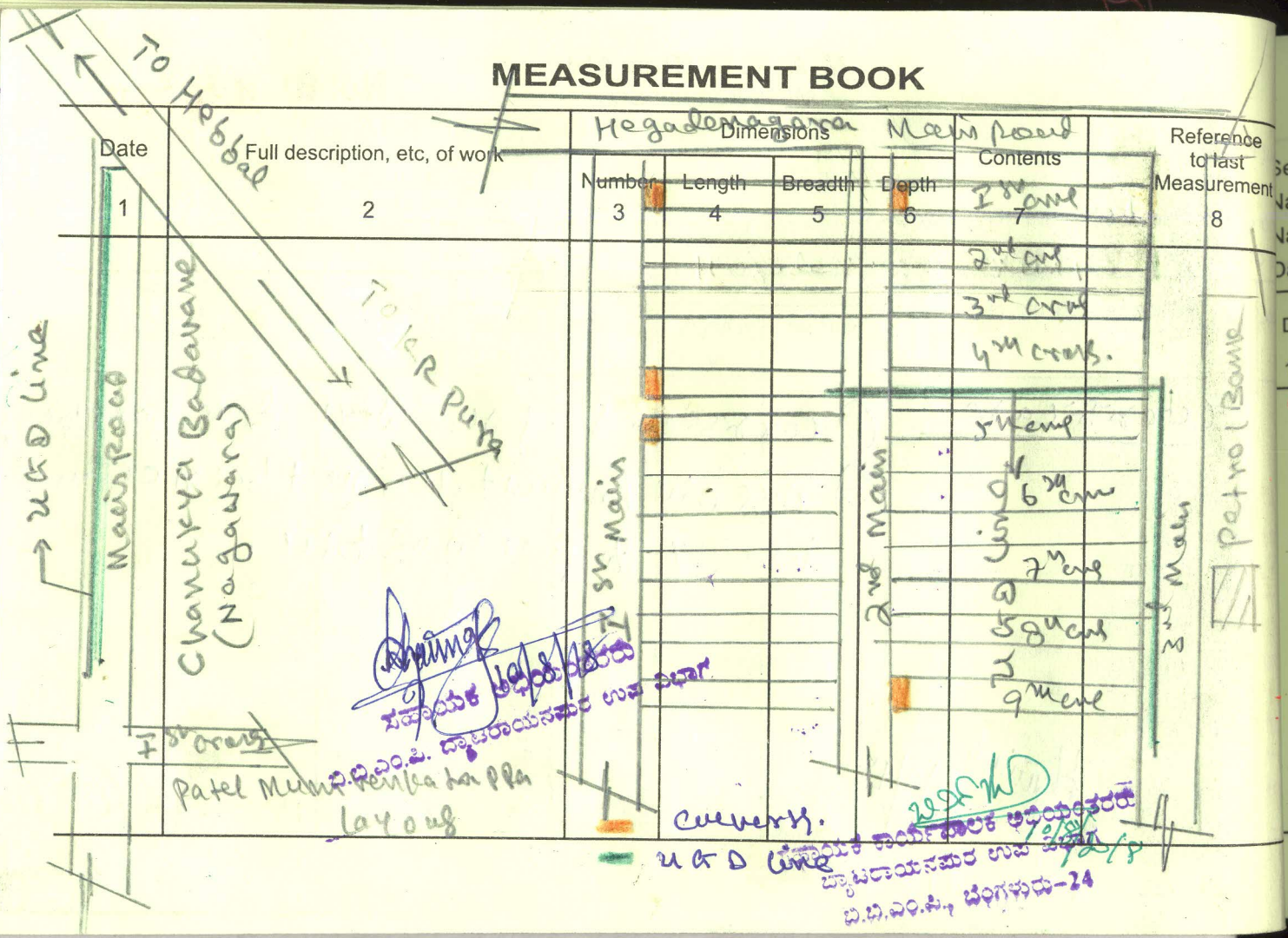
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:						
	(1) Certified that the work done satisfactory						
	(2) The bill Amount has not been claimed in any of previous bill.						

16/8/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of natur
Date of commencement of w

Date	Full description, etc, of work
1	2

Audited & Allowed to Rs
Cheque No. 679821
Seven Lakh Ninety
Two Hundred twelve
and Rs 686718-
Accts Supdt.
Byatarayanapura Dn. Byat
BBMP

OK

Depth 6	Contents 7	Reference to last Measurement 8
	Main road	
	1st cross	
	2nd cross	
	3rd cross	
	4th cross	
	5th cross	
	6th cross	
	7th cross	
	8th cross	
	9th cross	

2nd Main

3rd Main

Petrol Bunk

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426719

Serial No. .... From.................................. To..................................

Name of Work ....

Name of Contractor of natur..

Date of commencement of w...

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total:	74,84,930-00	
	Audited & Admitted to Rs 74,84,930-00				IT	149699-00	
	Cheque: 67,98,212-00 (Rs. Sixty seven lakh ninety eight thousand two hundred twelve only) By Cheque				Cess	74849-00	
	and Rs 686718-00 By adjustment				CBF	7485-00	
	Accts. Supdt. Byatarayanapura Dn. BBMP				LR	76346-00	
	Exe. Engineer Byatarayanapura Dn. BBMP.				FSD	374247-00	
	24/8				Fine	4092-00	
	25/8				Adjt.	686718-00	
					Cheque:	67,98,212-00	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore